**Index of Claims** 

Application/Control No.

Kandasamy Thangavelu

09/976,187

Examiner

Applicant(s)/Patent under Reexamination

SIMMONS ET AL.

Art Unit

2123

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α Objected

| The color of the | Claim | $\overline{}$ |   | _        |          |            | Dat      | <u> </u> |          |          |              | 1 1 | Cla   | im       | l        |          |   | _        | Dat      | <u> </u>   |          |          |          |
|--|-------|---------------|---|----------|----------|------------|----------|----------|----------|----------|--------------|-----|-------|----------|----------|----------|---|----------|----------|--|----------|----------|----------|
| 1   2     3   4     5   53     6   54     7   55     8   55     9   59     10   60     11   61     12   62     13   63     14   64     15   65     16   66     17   67     18   69     19   69     20   70     21   71     22   72     23   73     24   74     25   75     26   77     28   78     29   79     30   80     31   81     32   73     33   83     34   84     35   85     36   77     77   70     77   71     77   72     75   74   | Jann  |               | Т   | _        |          | _ <b>'</b> |          | Ť        |          | T        | I            |     | Jie   |          | $\vdash$ |          |   | _        | <u> </u> | Ť  |          | Ι-       | П        |
| S2   | Final | Original      | 8/25/06   |          |          |            |          |          |          |          |              |     | Final | Original | 8/25/06  |          |   |          |          |  |          |          |          |
| S2   | 1     | 1             |   |          |          |            |          |          |          |          |              | 1 1 |       | 51       |          |          |   |          |          |  |          |          | П        |
| S3   |       |               | 寸   |          |          | _          |          | Т        |          |          | _            | 1 1 |       | 52       |          |          |   |          |          | T  |          |          | П        |
| S4   | 3     | 3             |   | $\neg$   |          |            |          |          |          |          |              | 1   |       | 53       |          |          |   |          |          | $\vdash$   | П        | Г        |          |
| 55   |       |               |   | ╗        |          | Γ          |          | Г        |          |          |              | 1   |       |          |          |          |   |          |          |  |          |          |          |
| Section   Sect | 5     | 5             | T   | コ        |          |            |          |          |          |          |              | 1   |       | 55       | 1        |          |   | _        | Г        | T-   |          |          |          |
| T  | 6     | 3             | T   |          |          |            |          |          |          |          |              | 1   |       | 56       | 1        |          |   |          |          |  |          |          |          |
| 9  | 7     | 7             |   |          |          |            |          |          |          |          |              | ]   |       |          |          |          |   |          |          |  |          |          |          |
| 10   | 8     | 3             |   |          |          |            |          |          |          |          |              |     |       | 58       |          |          |   |          |          |  |          |          |          |
| 11   |       |               |   |          |          |            |          |          |          |          | $oxed{oxed}$ |     |       |          |          |          |   |          | _        |  |          |          |          |
| 12   |       |               |   |          |          |            |          |          |          |          |              |     |       |          |          |          |   |          |          |  | L        |          |          |
| 13   |       |               | _   |          |          |            | _        |          | <u> </u> | L        |              |     |       | 61       |          |          |   |          |          |  | L.       |          |          |
| 14   |       |               | _   |          |          |            |          | L_       |          | <u> </u> |              |     |       |          |          |          |   |          |          | <u> </u>   |          |          |          |
| 15   | 1;    | 3             | _   |          |          | _          |          |          | _        | L        |              | .   |       | 63       |          |          |   |          |          | <u> </u>   |          | _        | Щ        |
| 16   | 14    | 4             | 4   |          |          | <u> </u>   |          |          |          | _        |              |     |       | 64       |          |          |   |          | _        | _  |          | _        | Щ        |
| 17   |       |               | _   |          |          |            |          |          |          | _        |              |     |       |          |          |          |   |          |          | <u> </u>   |          | <u> </u> |          |
| 18   | 10    | <u>6</u>      | 4   | _        |          |            |          |          | <u> </u> |          |              |     |       | 66       |          |          |   |          |          | ļ  |          | _        | Щ        |
| 19   69 √     20   70 √     21   71 √     22   72 √     23   73 √     24   74 √     25   75 √     26   76 √     27   77 √     28   78 √     29   79 √     30   80 √     31   81 √     32   82 √     33   83     34   84     35   85     36   86     37   87     38   88     39   90     41   91     42   92     43   94     44   94     45   96     47   97     48   98     49   99  |       |               | 4   |          | _        |            | _        | _        |          | _        |              |     |       |          |          |          |   |          | _        | <u> </u>   | _        | L        | Щ        |
| 20   |       |               | 4   | 4        |          |            |          | L        | _        | _        |              |     |       | 68       |          |          |   |          | _        | <u> </u>   | ļ        | <u> </u> | Щ        |
| 21   | 119   | 9             | 4   | _        |          | _          | _        |          |          | L.       |              |     |       | 69       |          |          |   |          | _        | <u> </u>   |          | _        | Щ        |
| 22   |       |               | $\dashv$  |          |          | <u> </u>   |          |          | _        |          |              |     |       | 70       |          |          |   |          | _        | <u> </u>   |          | _        | Щ        |
| 23   | 2     | 1             | $\dashv$  | _        |          |            | _        |          | <u> </u> | _        |              |     |       |          |          |          |   | _        |          | ļ  |          | L        | Ш        |
| 24   1   74   √     25   75   √     26   76   √     27   77   √     28   78   √     29   79   √     30   80   √     31   81   √     32   82   √     33   83   84     35   85   85     36   86   86     37   87   88     39   89   90     40   90   90     41   91   92     43   93   93     44   94   94     45   96   96     47   97   48     49   99   99  | 2     | 2             | -   |          |          |            | _        | <u> </u> | <u> </u> | _        |              |     |       | 72       |          | _        |   | _        | ļ        | <u> </u>   |          | <u> </u> |          |
| 25   |       |               | 4   |          |          |            | _        | <u> </u> | <u> </u> | <u> </u> | _            |     |       |          |          |          |   | _        | ├        | ┝  | -        | _        |          |
| 26   76   √     27   77   √     28   78   √     29   79   √     30   80   √     81   √   82   √     82   √   83   83     34   84   84   84     35   85   86   86     37   87   88   88     39   89   90   90     41   91   92   92     43   93   94   94     45   95   96   96     47   97   98   98     49   99   99   99   |       |               | -+  |          |          |            | _        | <u> </u> | _        | <u> </u> |              |     |       | 74       |          |          |   |          | -        | <u> </u>   | -        | _        | $\vdash$ |
| 27   | 2     | 計             | $\dashv$  | $\dashv$ |          |            | $\vdash$ | $\vdash$ | $\vdash$ | ⊢        | _            |     |       | 76       |          | _        |   | <u> </u> |          | <u> </u>   | -        | -        | Н        |
| 28   |       |               | $\dashv$  | -        |          |            | _        | ⊢        | ⊢        | ⊢        |              |     |       |          |          | _        |   | ├        | -        | ├  |          | _        |          |
| Total Control Contro |       |               | $\dashv$  | -        |          |            | ┝        |          |          | ├        | $\vdash$     |     |       |          |          | $\dashv$ |   | -        | -        | ├  | -        |          | Н        |
| 30   |       |               | $\dashv$  | $\dashv$ | _        |            | $\vdash$ | ┝        | ├        | ┝        |              |     |       | 70       |          |          |   | -        | H        | ├  | ⊢        |          | Н        |
| 31   |       |               | $\dashv$  | $\dashv$ |          |            | ┢        | ├        | ├        | ┝        |              |     |       |          |          | $\dashv$ |   | $\vdash$ | H        | ┢  | ⊢        | -        | Н        |
| 32   |       |               | $\dashv$  | $\dashv$ |          |            | ┝        | ├-       |          |          | -            |     |       |          |          | $\dashv$ |   | $\vdash$ | ⊢        | ⊢  | -        |          | Н        |
| 33 83   34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | 3     | <del>;</del>  | $\dashv$  | $\dashv$ | _        |            | $\vdash$ | ┝        | ├        | -        | -            |     |       | 82       |          | _        |   | ├        | $\vdash$ | ⊢  | -        | -        | Н        |
| 34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |       |               | +   | ┪        |          |            |          | $\vdash$ | -        | -        | -            |     |       |          | -`-      | $\dashv$ |   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |          | Н        |
| 35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |       |               | $\dashv$  | ┪        | _        |            | -        | $\vdash$ | $\vdash$ | -        | -            |     | -     | 84       |          | $\vdash$ |   |          | $\vdash$ | ┢  | -        | -        | Н        |
| 36   86     37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99  |       |               | $\dashv$  | -        | $\dashv$ | $\vdash$   |          | $\vdash$ | $\vdash$ | H        | -            | ( ) |       | 85       | $\vdash$ | -        | _ |          | $\vdash$ | <del>                                     </del> | 1        |          | H        |
| 37   87     38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   99  | 30    | <u>6</u>      | $\dashv$  | 7        | _        | _          | Ι        | $\vdash$ | $\vdash$ | i        | $\vdash$     |     |       |          | $\vdash$ | -        | _ | $\vdash$ | _        | 1  |          |          | H        |
| 38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |       |               | $\dashv$  | -        |          | $\vdash$   |          | $\vdash$ | $\vdash$ |          |              |     |       | 87       | $\vdash$ | $\neg$   |   | _        | _        | t  | Н        |          | H        |
| 39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |       |               | 十   | $\dashv$ |          |            |          | T        | T -      |          |              |     |       |          | Н        |          |   |          |          |  |          |          | $\vdash$ |
| 40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  |       |               | $\top$  | 7        |          |            |          |          |          |          |              |     |       |          | Н        | $\neg$   |   |          | Ι        | Г  |          |          | H        |
| 41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | 40    | 0             | $\dashv$  | _        |          |            |          |          |          |          |              |     |       | 90       | $\Box$   |          | _ |          |          |  |          |          | М        |
| 42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | 4     | 1             | $\dashv$  | _        |          |            |          |          |          |          |              |     |       | 91       |          |          |   |          |          | $\vdash$   |          |          | П        |
| 43 93   44 94   45 95   46 96   47 97   48 98   49 99  | 42    | 2             | $\exists$   |          |          |            |          |          |          |          |              |     |       | 92       |          |          |   |          |          |  |          | Г        | П        |
| 44 94   45 95   46 96   47 97   48 98   49 99  | 4:    | 3             | $\dashv$  | $\neg$   |          |            |          |          |          |          |              |     |       | 93       |          |          |   |          |          | Г  | $\Box$   |          | $\Box$   |
| 45   | 44    | 4             |   |          |          |            |          |          |          |          |              |     |       | 94       |          |          |   |          |          |  |          |          | $\Box$   |
| 46 96 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99   | 4:    | 5             | _1  | ╗        |          |            |          |          |          |          |              |     |       | 95       |          |          | _ |          |          | T-   | Ι_       |          | П        |
| 47   | 40    | 6             |   |          |          |            |          |          |          |          |              |     |       | 96       |          |          |   |          |          |  |          |          | $\sqcap$ |
| 48 98 99   | 4     | 7             |   |          |          |            |          |          |          |          |              |     |       | 97       |          |          |   |          |          |  |          |          |          |
| 49 99 99   | 48    | 8             | ╛   |          |          |            |          |          |          |          |              |     |       | 98       |          |          |   |          |          |  |          |          |          |
| 50 1 100 1 100   | 49    | 9             | $oxed{oxed}$                                      |          |          |            |          |          |          |          |              |     |       | 99       |          |          |   |          |          |  |          |          |          |
|  | 50    | 0             | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | J        |          |            |          |          |          |          |              |     |       | 100      |          |          |   |          |          |  |          |          |          |

| Cla      | Claim  |  | Date     |            |          |                |              |          |          |  |  |  |  |
|----------|--|--|----------|------------|----------|----------------|--------------|----------|----------|--|--|--|--|
|          |  |  |          |            |          |                |              |          | T        |  |  |  |  |
| Final    | Original   | 8/25/06                                  |          |            |          |                |              |          |          |  |  |  |  |
|          | 51   |  |          |            |          |                |              |          |          |  |  |  |  |
|          | 52   | L.                                       | L        | <u> </u>   | <u> </u> | L_             | L            | _        | _        | <u>_</u>   |  |  |  |
|          | 52<br>53   |  |          |            |          |                |              |          |          | _  |  |  |  |
|          | 54   |  |          |            |          | L              | L.           | _        |          |  |  |  |  |
|          | 54<br>55<br>56   | 1  |          | <u> </u>   | L.       | _              |              |          |          |  |  |  |  |
|          | 56   | 1  |          | <u> </u>   |          | L              | L            |          | <u> </u> | L  |  |  |  |
|          | 57   | <u> </u>                                 | <u> </u> |            |          |                |              |          |          | _  |  |  |  |
|          | 58<br>59   | 1  | <u> </u> | <u> </u>   | _        | <u>_</u>       | _            |          | L_       | <u> </u>   |  |  |  |
|          | 59   | 1  | <u> </u> |            |          | L.             | $oxed{oxed}$ |          | _        |  |  |  |  |
|          | 60   | 1  | _        | <u> </u>   |          | <u> </u>       | _            |          |          | _  |  |  |  |
| <u> </u> | 61   | 1  | _        |            |          |                |              |          | <u> </u> | L_   |  |  |  |
| <u> </u> | 62   | V  | <u> </u> | <u> </u>   | _        |                | _            |          |          |  |  |  |  |
| <u></u>  | 60<br>61<br>62<br>63<br>64<br>65                         | ファ | <u> </u> | lacksquare | _        |                | _            | <u> </u> | _        | <u> </u>   |  |  |  |
| <u> </u> | 64   | 1  | <u> </u> | <u> </u>   |          |                |              |          | <u> </u> |  |  |  |  |
| <u></u>  | 65   | 1  | <u> </u> | <u> </u>   | L        | <u> </u>       | ļ            | ļ        | <u> </u> | L_   |  |  |  |
| <u> </u> | 66   | 1  | <u> </u> |            |          |                |              |          | <u> </u> |  |  |  |  |
| <u> </u> | 66<br>67<br>68   | 1  | <u> </u> | _          | _        |                |              |          | <u> </u> |  |  |  |  |
| <u></u>  | 68   | ٧  | _        |            |          | _              |              | ļ        | _        | <u> </u>   |  |  |  |
| <u> </u> | 69   | 1  | _        |            | _        |                |              |          |          |  |  |  |  |
| <u> </u> | 70   | ٧,                                       |          | _          |          |                |              |          |          |  |  |  |  |
|          | 71   | 7  | <b> </b> | <u> </u>   | <u>_</u> |                |              |          | <u> </u> |  |  |  |  |
| <u> </u> | 72   | ٧  | _        | _          | _        |                |              |          | _        |  |  |  |  |
|          | 69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78 | 1  | _        |            | _        |                |              |          | _        |  |  |  |  |
|          | 74   | ٧,                                       | _        | _          |          |                |              |          |          |  |  |  |  |
|          | 75   | 7  | <u> </u> | -          | _        |                |              |          |          |  |  |  |  |
|          | 70   | 7  | _        | ├-         | <u> </u> |                | -            |          | _        |  |  |  |  |
|          | 77   | N<br>J                                   |          | -          | <u> </u> | -              | -            | <u> </u> |          |  |  |  |  |
|          | 70   | - <del>V</del>                           | _        | <u> </u>   |          | -              | -            | H        |          |  |  |  |  |
| -        | 19   | J  |          | -          | _        | -              |              | <u> </u> | _        | -  |  |  |  |
| <u> </u> | 00   | N<br>J                                   |          | ⊢          | ┝        | <u> </u>       | -            | ├        |          |  |  |  |  |
| <u> </u> | 01   | \ <u>√</u>                               | _        | ├-         | ├        | $\vdash$       | ⊢            | <u> </u> | _        |  |  |  |  |
| -        | 02   | _ <u>v</u> _                             | _        | -          | ┝        | $\vdash$       |              | -        |          | _  |  |  |  |
| -        | 80<br>81<br>82<br>83<br>84<br>85                         | H  | -        | $\vdash$   | $\vdash$ | -              | ┢            | <u> </u> | <u> </u> | <u> </u>   |  |  |  |
| -        | 85   |  | -        | $\vdash$   |          | ├─             |              | ┝        | <u> </u> | ┢  |  |  |  |
|          | 86   | _  | _        | $\vdash$   | $\vdash$ | -              | -            | $\vdash$ | -        | $\vdash$   |  |  |  |
| <b>—</b> | 87   | -  | -        | -          | -        | <del>  -</del> | $\vdash$     | $\vdash$ |          | <del> </del>                                     |  |  |  |
|          | 88   |  |          |            | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$ |          | $\vdash$   |  |  |  |
|          | 89   | Н  | -        |            | -        | <del> </del>   | $\vdash$     | $\vdash$ |          | <del>                                     </del> |  |  |  |
|          | 90   |  | -        | Т          | <u> </u> |                | $\vdash$     |          |          | $\vdash$   |  |  |  |
|          | 91   |  |          |            |          | <u> </u>       | $\vdash$     |          | $\vdash$ | $\vdash$   |  |  |  |
|          | 92   |  |          | Ħ          |          |                |              |          | Η-       | $\vdash$   |  |  |  |
|          | 93   | _  |          | Т          |          | П              | Г            | $\vdash$ |          |  |  |  |  |
|          | 94   |  |          | П          |          |                |              |          |          | Т  |  |  |  |
|          | 95   |  | _        |            |          | П              |              | $\vdash$ | $\Box$   | Г  |  |  |  |
|          | 96   |  |          |            |          |                |              |          |          | Π  |  |  |  |
|          | 97   |  |          |            |          |                |              |          |          |  |  |  |  |
|          | 98   |  |          |            |          |                |              |          |          |  |  |  |  |
|          | 99   |  |          |            |          |                |              |          |          |  |  |  |  |
|          | 100  |  |          |            |          |                |              |          |          |  |  |  |  |

| Cl    | Date  |          |          |  |              |              |             |  |                                     |                 |  |
|-------|---|----------|----------|--|--------------|--------------|-------------|--|-------------------------------------|-----------------|--|
| •     | I   |          |          |  |              |              |             |  |                                     |                 |  |
| ब्र   | Original                                      | l        |          |  |              |              |             |  | l                                   |                 |  |
| Final | jrj   |          |          |  |              |              |             |  | l                                   |                 |  |
|       | l   |          |          |  |              |              |             |  |                                     |                 |  |
|       | 101   |          |          |  | Г            |              |             |  |                                     |                 |  |
|       | 102   |          |          |  |              |              |             |  |                                     |                 |  |
|       | 103   |          |          |  |              |              |             |  |                                     |                 |  |
|       | 104   |          |          |  |              |              |             |  |                                     |                 |  |
|       | 103<br>104<br>105                             |          |          |  |              |              |             |  |                                     |                 |  |
|       | 1 106   |          |          |  |              |              |             |  |                                     |                 |  |
|       | 107   |          |          |  |              |              |             |  |                                     |                 |  |
|       | 107<br>108<br>109                             |          |          |  |              |              |             |  |                                     |                 |  |
|       | 109   |          | L        |  | _            |              | <u> </u>    |  |                                     |                 |  |
|       | 1110  |          |          |  | <u> </u>     |              | L           |  |                                     |                 |  |
|       | 111   |          |          |  |              | <u></u>      |             |  | _                                   |                 |  |
|       | 112   |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | $oxed{oxed}$ | <u> </u>     |             |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш               |  |
|       | 113<br>114<br>115                             | Щ        | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>     | <u></u>     | <u> </u>   | L                                   | <u> </u>        |  |
|       | 114   | _        |          |  | <u> </u>     | <u> </u>     | <u> </u>    | _  | L                                   | Ш               |  |
|       | 115   | L        | _        | <u> </u>   | <u> </u>     | <u> </u>     | Щ.          |  | _                                   | Ш               |  |
|       | 116   | Ш        | _        | <u> </u>   | <u> </u>     | <u> </u>     | L           |  |                                     | Щ               |  |
|       | 117   |          |          |  |              | <u> </u>     | <u> </u>    | <u> </u>   | <u></u>                             | Ш               |  |
|       | 118<br>119                                    |          |          |  | <u></u>      | <u> </u>     | L!          |  | $oxed{oxed}$                        | Ш               |  |
|       | 119   |          | L.       | L.   |              | L_           |             |  | L.                                  |                 |  |
|       | 1 120   |          |          | <u>L</u>   |              | _            |             |  | _                                   |                 |  |
|       | 121<br>122<br>123                             |          |          |  |              |              |             |  | L                                   |                 |  |
|       | 122   | _        |          | <u> </u>   |              | _            |             |  | <u> </u>                            |                 |  |
|       | 123   | _        |          |  |              | _            |             |  | Ш                                   |                 |  |
|       | 124<br>125<br>126<br>127<br>128<br>129<br>130 |          |          | <u> </u>   |              | _            |             |  | <u> </u>                            |                 |  |
|       | 125   |          |          | ļ  |              | _            | _           | _  |                                     |                 |  |
|       | 126   |          |          | _  |              |              |             |  |                                     |                 |  |
|       | 127   |          |          |  |              | _            | _           |  | _                                   | <u> </u>        |  |
|       | 128   | _        |          | <u> </u>   |              | <u> </u>     | _           |  | $\vdash$                            |                 |  |
|       | 129   |          | _        | _  |              | <u> </u>     |             | <u> </u>   |                                     | -               |  |
|       | 130   | _        | _        | $\vdash$   | $\vdash$     | $\vdash$     | <u> </u>    | <u> </u>   | ļ                                   | $\vdash$        |  |
|       | 131   | -        | <u> </u> |  | -            | <del> </del> | $\vdash$    | <u> </u>   | H                                   | H               |  |
|       | 132<br>133                                    | -        | _        | -  | -            | $\vdash$     | $\vdash$    | <u> </u>   | H                                   | Н               |  |
|       | 134   | <u> </u> | <u> </u> | -  | $\vdash$     | $\vdash$     | $\vdash$    | <u> </u>   | H                                   | $\vdash$        |  |
|       | 125   | <u> </u> | -        |  |              | ├            | <u> </u>    | <u> </u>   | H                                   | Н               |  |
|       | 135<br>136                                    |          | _        | -  | $\vdash$     | $\vdash$     | $\vdash$    | <del>                                     </del> | H                                   | $\vdash$        |  |
|       | 137   | -        | -        | ├  | ├-           | $\vdash$     | $\vdash$    |  | $\vdash$                            | $\vdash$        |  |
|       | 138   |          |          | -  | -            | -            |             | <u> </u>   |                                     | $\vdash$        |  |
|       | 138<br>139                                    | -        |          | -  | -            | $\vdash$     | <u> </u>    | <u> </u>   | $\vdash$                            | $\vdash$        |  |
|       | 140   | -        | _        | <del>                                     </del> | Η-           | -            | <del></del> | Ι—   | Н                                   | Н               |  |
| -     | 141   |          |          |  | $\vdash$     | H            |             | Η-   | $\vdash$                            |                 |  |
|       | 142   | $\vdash$ |          | $\vdash$   | $\vdash$     | Н            |             |  | $\vdash$                            | Н               |  |
|       | 143   |          | -        | Н  |              | М            |             | Н  | $\vdash$                            | $\vdash \vdash$ |  |
|       | 144   |          |          |  |              |              |             |  |                                     | Н               |  |
|       | 145   |          | _        |  | М            |              |             | -  |                                     | H               |  |
|       | 146   | -        | -        | -  | -            | Н            |             | $\vdash$   |                                     | $\vdash$        |  |
|       | 147   |          |          |  |              |              |             |  | $\vdash$                            | $\vdash$        |  |
|       | 148   | Н        |          |  |              | $\vdash$     | $\vdash$    | $\vdash$   |                                     | $\vdash$        |  |
|       | 149   |          |          |  | _            |              | $\vdash$    | $\vdash$   |                                     | $\dashv$        |  |
|       | 150   |          |          | $\Box$   | $\vdash$     | $\vdash$     | $\dashv$    | $\vdash$   |                                     | $\vdash$        |  |
|       |   | _        |          |  |              |              |             |  |                                     |                 |  |